

# TRANSACTION REPORT

P.01

MAY-10-2005 TUE 08:44 AM

FOR: OIL, GAS & MINING

801 359 3940

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Governor  
GARY R. HERBERT  
Lieutenant Governor

## State of Utah DEPARTMENT OF NATURAL RESOURCES Division of Oil, Gas & Mining

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

### UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/10/05

FAX#: 435-864-5192

ATTN: DICK TURNER ET AL.

COMPANY: RED EMERALD

NUMBER OF PAGES (INCLUDING THIS ONE): 2

FROM: Tom Johnson

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MESSAGES:

435-864-5192

<b>RECLAMATION SURETY ESTIMATE</b> Red Emerald, Inc. Red Emerald Mine DOGM file Number M/001/058 Prepared by Utah State Division of Oil, Gas & Mining					
**These cost figures used in this surety estimate furnished by Red Emerald, Inc.					
<b>Note: actual unit costs may vary according to site conditions</b>					
				last unit cost update	03/01/05
-Amount of disturbed area which will receive reclamation treatments =				6.07 acres	
-Estimated total disturbed area for this mine =				6.07 acres	
<b>Activity</b>	<b>Quantity</b>	<b>Units</b>	<b>\$/unit</b>	<b>\$</b>	<b>Note</b>
Safety gates, signs, etc (mtls & installation)	1	Sum	250	250	(1)
Demolition of bunkhouse/office	1	lump sum	500	500	(2)
<b>ReclaimWaste Rock Area</b>					
Rough grade/contour mine area	3.5 acres		500	1750	**
Reduce visual impact	3.5 acres		1500	5250	**
Replace growth medium	3.5 acres		1500	5250	**
Revegetate	3.5 acres		1700	5950	**
<b>Reclaim Waste Rock Area</b>					
Rough grade/contour areas	2 acres		500	1000	**
Erosion control structures	2 acres		500	1000	**
Replace growth medium	2 acres		1500	3000	**
Revegetate	2 acres		1700	3400	**
<b>Reclaim Roadways</b>					
Rough grade	0.97 acres		500	485	**
Replace topsoil material	0.97 acres		1500	1455	**
Erosion Control	0.97 acres		1500	1455	**
Revegetate	0.97 acres		1700	1649	**
General site cleanup & trash removal	3 acre		75	225	(00)
Equipment mobilization	3 equip		2000	6000	(00)
Reclamation supervision -10% of reclamation estimate				3858	(15)
	Subtotal			42477	
10% Contingency				4248	
	Subtotal			46725	
Escalate for 5 years at 4.44% per year				11336	
	Total			58061	
Rounded surety amount in year 2010 \$				58100	
Average cost per disturbed acre =				9565	



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**Division of Oil, Gas & Mining**

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M 1001/058

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